

State Codes and Standards Committee  
Codes Amendment Subcommittee  
Minutes

December 10, 2014

1. **Call to Order:** The Chairman called to order the regular meeting of the Codes Amendment Subcommittee of the State Codes and Standards Committee. The meeting was held in Room G38 at 165 Capital Avenue, Hartford, Connecticut.

2. **In Attendance:** Louis Free, Chair  
John Butkus  
Paul Costello  
Thomas DiBlasi  
Keith Flood  
Robert Hanbury  
Donald Harwood  
Henry Miga  
Michael Musco  
Michael Sinsigalli  
Fredrick Wajcs, Jr.  
William Zoeller

**Also present:** William Abbott, State Fire Marshal  
Joseph Cassidy, State Building Inspector  
Mike Ose, Office of State Building Inspector  
Dan Veronick, Office of State Building Inspector

George Bradner, Connecticut Insurance Department  
Hank Brown  
David Kalafa, CT DEEP  
Jack Lyons, NEMA  
Michele Melley, CT DEEP  
Tim Mikloiche, Town of West Hartford  
Ric Pirolli, CT DEEP  
Joanne Rees, AIA CT  
Jeff Sargent, NFPA  
Bruce Spiewak, Self & AIA CT  
Eric Stafford, Institute for Business and Home Safety  
Donna Tommelleo, Connecticut Insurance Department  
Curt Troutman, Bunker Hill Insurance Company  
Donald J. Vigneau, AIA, NEEP

3. **Minutes:**

Minutes of the November 12, 2014 meeting were approved.

4. **Communications:**

No new correspondence was received since the last CAS meeting.

## **5. Old Business**

- a. The following is a status update of the OSBI and CAS reviews for the 2012 Family of Codes:

1. 2012 International Building Code: OSBI and the Office of Protection and Advocacy for Persons with Disabilities (OPA) held their first coordination meeting on November 14, 2014 to start a side by side comparison of the 2005 State Building Code and 2012 IBC Chapter 11. OPA is receptive to considering limiting amendments only to statutory requirements (i.e. parking spaces). OSBI noted that the CAS members were emailed a copy of the side by side comparison on November 13, 2014. The coordination with OPA will also include 2012 IBC Chapter 34 and ICC/ANSI A117.1-2009. The preparation of the Connecticut amendments associated with the above reviews by the OSBI and OPA, and the related reviews/actions by the CAS/OSBI is pending.

The second DRAFT CT SUPPLEMENT incorporating pervious actions is now in IBC Chapter 3. OSBI is bogged down with the complicated Use Group I2 code sub-divisions which address the various occupant numbers that are regulated by other state Agencies. A motion was made and second to use the existing Connecticut Amendments since they have been vetted previously unless the underlying requirements have changed. The motion was approved.

2. 2012 International Fire Code: OSBI and OSFM coordination on the 2012 International Fire Code and Connecticut State Fire Safety Code is continuing. State Fire Marshal Abbott reported there are approximately 500 revisions in Connecticut State Fire Safety Code between the 2003 and the 2012 editions that need to be reviewed and addressed. Michael Sinsigalli stated that he is preparing a memo to address the code implications when adopting a new code where a structure transitions from new construction to existing that may assist in reducing the number of code amendments. The preparation of the Connecticut amendments associated with the above reviews by the OSBI and OSFM, and the related reviews/actions by the CAS/OSBI is pending.
3. ICC/ANSI A117.1-2009 Standard on Accessible & Usable Buildings and Facilities: See item 5.a.1. above.

4. 2012 International Residential Code: The OSBI review and the associated Connecticut amendments reviews and approvals by CAS/OSBI are completed except for CAS action on the following item:
  - i. Proposed Code Change **5-IRC** (See Item 5.d.)
- b. Proposed Code Change **001-FSC** – 2012 NFPA Standard 101 (Life Safety Code). Proponent submission of supporting documentation to the proposal to delete the current structure of the Connecticut Fire Safety Code and replace it with the 2012 NFPA Standard 101 for both new and existing construction with Connecticut Amendments as adopted prior to 2005 is pending. The CAS will extend a letter invitation to the proponent offering them the opportunity to present their proposal at a Special Meeting of the CAS tentatively scheduled for January 7, 2014.
- c. Proposed Code Change **13-IECC** - Code proposal 2015 IECC Building Code proposals. David Kalafa, Policy Development Coordinator, Bureau of Energy & Technology Policy, CT DEEP and Richard Pirolli, Assistant Division Director, Bureau of Air Management, CT DEEP presented information related to five conceptual proposals based on the 2015 IECC.

Proposal 1 is to add a new section to the 2012 IRC requiring that residences be “solar ready” to accommodate a variety of solar upgrades in the future. Proposal 2 is to require historical buildings to meet the same energy standards as non-historic buildings unless compliance compromises the historic nature and function of the building as provided in the 2015 IECC. Proposal 3 is to include a 2015 IECC energy rating index compliance alternative that allows residences to achieve an energy rating index score between 51 and 55 depending on climate zone and allows the code official’s certification of the score. Proposal 4 is to add a new section to the 2012 IRC requiring new residential garages to be wired for 240 VAC outlets for electric vehicles. Proposal 5 is to add a new requirement that a small percentage of parking spaces (i.e. 3%) in any new parking lot associated with a commercial structure be electric vehicle ready.

Due to the late timing of the proposal submissions, the proposals being in concept form only, the proposals not submitted on the required Code Change Proposal Forms and the proposals not identified to specific code sections with proposed code language provided, a motion was made and second to deny taking action on all five proposals at this time. All five code change proposals are rejected.

- d. Proposed Code Change **5-IRC** - Code proposal re 2012 IRC re R905.2.3; R905.3.3; R905.4.3; R905.5.3; R905.6.3 & R905.10.5. An oral presentation was made by George Bradner, Connecticut Insurance Department / Long Term Recovery and Eric Stafford, Institute for Business and Home Safety, as a follow-up to questions raised by the CAS to a presentation made by the proponents at the CAS's September 10, 2014 meeting.

The proposal, in pertinent part, is to require sealed roof deck and underlayment where the basic wind speed equals or exceeds 100 MPH which extends the requirement beyond the areas currently classified as Wind-Borne Debris Regions (110 MPH). Discussions ensued. It was noted by members of the CAS that the Code already contains requirements for the installation of underlayment in high wind areas, which requirements are substantially consistent with the proponent's goals and are always an option for installation in any wind zone. Concern was expressed by the CAS over the impact of extending the requirements for such high wind underlayment criteria to the 100 MPH wind areas of the State, whereby over 60% of the State's municipalities would be affected. It was further noted that the proposed use of self-adhering water barrier products as a means of achieving the proponent's goals where existing board type sheathings are in place may violate warranty conditions on some shingle roof products.

A motion was made and second to adopt the code change proposals as submitted. The motion did not achieve a majority vote. A new motion was made and second to deny adoption of the code change proposals. The proposed amendments are rejected.

- e. Proposed Code Change **11-NEC** - Code proposal re 2014 NFPA 70 National Electrical Code regarding Article 100 – Definitions, Accessible Readily (Readily Accessible). An oral presentation was made by Timothy Mikloiche related to overcurrent devices located within listed enclosures or assemblies being readily accessible when using a tool (i.e. screwdriver or key). Motion was made and second to reject Proposed Code Change **11-NEC** as submitted and approve the alternative code language No. 5 as written in document titled "Public Input No. 2848-NFPA 70-2014 [Section No. 240.24(A)]" that was distributed during the meeting. The proposed amendment is rejected and the alternative amendment is approved.

## 6. New Business

- a. The CAS anticipates meeting more often in January and February 2015 to meet the objective of having a final draft of the Connecticut Supplement ready for full Codes and Standards Committee approval by the end of February 2015. Discussions ensued regarding the status of OSFM's review of the Connecticut State Fire Safety Code, coordination that still has to take place, and Code Change Proposal **001-FSC** to delete the current structure of the Connecticut Fire Safety Code and replace it with the 2012 NFPA Standard 101 for both new and existing construction with Connecticut Amendments as adopted prior to 2005 in which the proponents presentation and CAS/OSFM action are both pending. OSFM will try to accelerate the completion of their reviews and associated coordination with OSBI.

## 7. Adjournment

The next meeting of the CAS will be held on Wednesday, January 7, 2015 at 165 Capital Avenue, Room 532, Hartford, Connecticut starting at 10:00 AM.

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Louis Free, Chair  
Codes Amendment Subcommittee

KEY:    ICC       International Code Council  
         IBC       International Building Code  
         IEBC      International Existing Building Code  
         IECC      International Energy Conservation Code  
         IRC       International Residential Code  
         NEC       National Electrical Code  
         NFPA      National Fire Protection Association

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